Abstract

An improved technique is provided for recognizing a character based user interface having several host component types and transforming the character based user interface to a web enabled user interface. Agents are deployed to consume a character stream which composes the character based user interface. Each agent scans the character based user interface to determine which host component types exist in the character based user interface. Each agent is specifically designed to determine the existence of a different host component type from the other agents. When an agent finds a host component type, a match region is defined containing the characters of the found host component type. Each agent renders their associated match regions to compose the web enabled user interface.